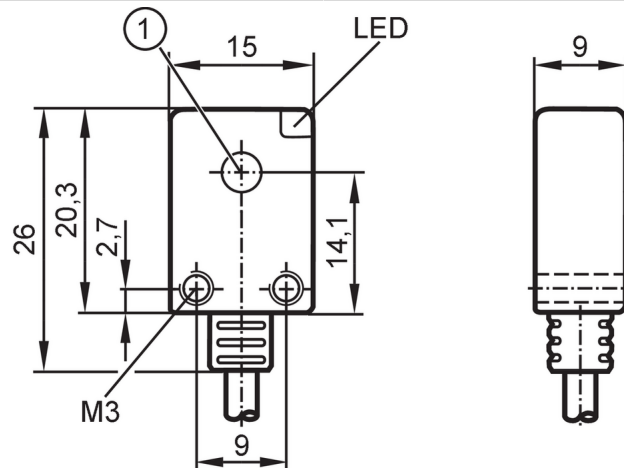


# O7S200



## Through-beam sensor transmitter

O7S-OOKG/0,20M/AS



Transmitter in upper lens



### Product characteristics

Type of light	red light
Housing	rectangular

### Application

Function principle	Through-beam sensor
Application	For applications in robotics, assembly and handling technology

### Electrical data

Operating voltage	[V]	10...30 DC
Current consumption	[mA]	20; ((24 V))
Protection class		III
Reverse polarity protection		yes
Type of light		red light
Wave length	[nm]	633

### Outputs

Switching frequency DC	[Hz]	1000
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### Monitoring range

Transmitter / receiver		transmitter
Range	[m]	0...1.5
Range adjustable		no
Max. light spot diameter	[mm]	90
Light spot dimensions refer to		at maximum range

### Operating conditions

Ambient temperature	[°C]	-25...60
Protection		IP 65

### Tests / approvals

EMC		EN 60947-5-2
MTTF	[years]	1899

# O7S200



## Through-beam sensor transmitter

O7S-OOKG/0,20M/AS

Mechanical data		
Weight	[g]	14.2
Housing		rectangular
Dimensions	[mm]	20.3 x 15 x 9
Material		housing: PA
Lens material		front lens:PMMA
Lens alignment		Side sensing
Tightening torque	[Nm]	0.5

Displays / operating elements		
Display	Power	1 x LED, green

Remarks	
Remarks	UL - Class 2 source required
Pack quantity	1 pcs.

### Electrical connection

Cable: 0.2 m, PUR; 3 x 0.14 mm<sup>2</sup>

Connector: 1 x M8; coding: A; Contacts: 3; Locking: snap-fit



### Connection

